

19991123.qrp v01_n648.qrl.991123

Date: Tue, 23 Nov 1999 19:03:07 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1648

QRP-L Digest 1648

Topics covered in this issue include:

- 1) [56528] CONTEST: N8IE big adventure. Long
by Shephed@aol.com
- 2) [56529] Re: Code pratice software for Mac
by Doug Simpson <dsimpson@darkwing.uoregon.edu>
- 3) [56530] Re: Vertical Antenna notes]
by Paul Stroud <aa4xx@ipass.net>
- 4) [56531] Wanzer Z-Match info wanted
by "Tim Cook" <timcook@erinet.com>
- 5) [56532] Pegasus power output
by "Tim Cook" <timcook@erinet.com>
- 6) [56533] PARTS: RE:Bourns 3610, 10K, 10T, Knobpots
by Michael Melland <badger@vbe.com>
- 7) [56534] FOXHUNT:Team Scores
by Bruce Rattray <rattray@gpfn.sk.ca>
- 8) [56535] K0EVZ FOX for 11/25/99
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 9) [56536] Re: TT argosy?
by Pete Burbank <plburbank@kih.net>
- 10) [56537] Re: More Mr. Microphone & Midwest Surplus info
by Nils R Young <nilsbull@juno.com>
- 11) [56538] CONTEST - SS phone QRP
by n5ib@juno.com
- 12) [56539] HTX-10 Radio Shack's 10 meter xcvr
by n5ib@juno.com
- 13) [56540] Abaco Island QRP C6A on Tuesday! Forwarded by WB3AAL
by "Ron Polityka" <wb3aal@talon.net>
- 14) [56541] 5 watts pep is the ARRL Rule
by KB0R@aol.com
- 15) [56542] Re: HTX-10 Radio Shack's 10 meter xcvr
by "Mike Yetsko" <myetsko@insydesw.com>
- 16) [56543] Re: HTX-10 Radio Shack's 10 meter xcvr
by zmola@campbellsci.com
- 17) [56544] Norcal Paddle Manual
by "Bill Johnson" <b1ljohn@msn.com>
- 18) [56545] ARS Scouting Trip, GA|AT
by Bob Edwards <w4ed@gis.net>
- 19) [56546] Re: WTB TT argosy accessories

by James Skalski <jskalski@localnet.com>
20) [56547] FOX # 9
by Tom Palmer <n1tp@worldnet.att.net>
21) [56548] Re: FOX # 9
by Brian Murrey <brian@iquest.net>
22) [56549] HW9 Manual + Schematics WANTED...!!
by "Andy GM0NWI" <gm0nwi@tesco.net>
23) [56550] FISTS Down?
by Brian Murrey <brian@iquest.net>
24) [56551] Help With MFJ 1224 RTTY/CW Interface
by Norman Young <normany@mindspring.com>
25) [56552] Re: HTX-10 Radio Shack's 10 meter xcvr
by wb2vuo@juno.com
26) [56553] FOX 9 K5LN BILL TX
by Tom Palmer <n1tp@worldnet.att.net>
27) [56554] Re: FOX 9 K5LN BILL TX
by Monte Stark <ku7y@dri.edu>
28) [56555] Re: FOX 9 K5LN BILL TX
by "Rod Cerkoney" <rlc@fiii.com>
29) [56556] Re: FOX 9 K5LN BILL TX
by Pete Burbank <plburbank@kih.net>
30) [56557] Fox #5
by "Bob Tellefsen" <n6wg@earthlink.net>
31) [56558] SS Soapbox:
by "Lawrence T. Owens" <w4dec@dibbs.net>
32) [56559] Re: 10W PEP X QRP
by DYARNES@aol.com
33) [56560] Want info on the K2
by "Jesse Hires" <j hires@hotmail.com>
34) [56561] RE: Want info on the K2
by "Andreas Junge" <andreas@opengrid.com>
35) [56562] Re: FISTS Down?
by Joe Stodgel <joe_stodgel@yahoo.com>
36) [56563] Re: 5 watts pep is the ARRL Rule
by Bob Patten <n4bp@bc.seflin.org>
37) [56564] Re: Want info on the K2
by "George Edwards" <gedwards@onramp.net>
38) [56565] Re: Series or parallel tank circuits (fwd)
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
39) [56566] Re: FOX 9 K5LN BILL TX
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
40) [56567] Fox #5
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
41) [56568] FOX K0EVZ 25 Nov 99
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
42) [56569] Re: FOX 9 K5LN BILL TX
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
43) [56570] FOX: Great job Bill

- by Shepherd@aol.com
- 44) [56571] Re: Midwest Surplus info
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 45) [56572] ARS Scouting Trip, GA|AT
by Bob Edwards <w4ed@gis.net>
- 46) [56573] FOX: What a ride!
by DNT1@daimlerchrysler.com
- 47) [56574] Re: Code Practice Software for Mac >>>Thanks!
by "Tom Hybiske" <hybiske@generalatronics.com>
- 48) [56575] Re: 5 watts pep is the ARRL Rule
by KB0R@aol.com
- 49) [56576] Ten-Tec reflector - Corsair 1 for sale
by c.mark.tyler@att.net
- 50) [56577] FOX: Rough Fox Nite Here on LI
by "Franco, Nicholas J" <franco@bnl.gov>
- 51) [56578] Re: FISTS Down?
by "Ron Smith" <resmith666@uswest.net>
- 52) [56579] New K8FF Key
by "Mark Hogan" <mhogan@email.msn.com>
- 53) [56580] Re: FOX:Log for K5LN
by Bruce Rattray <rattray@gpfn.sk.ca>
- 54) [56581] HB: ?Diac? Curiosity calls
by Rod J Johnson <ka7you@juno.com>
- 55) [56582] Help: (OT) Yaesu FT-707 value
by Rod J Johnson <ka7you@juno.com>
- 56) [56583] Help:Want manual for Heath freq counter
by Rod J Johnson <ka7you@juno.com>
- 57) [56584] How do I change to digest mode?
by Derek Brown <DBrown@RFMD.com>
- 58) [56585] XCRV: SST-20m tuning ranges
by Allan G Taylor <k7gt@arrl.net>
- 59) [56586] RE: FISTS Down?
by "Mike D." <hrg@megsinet.net>
- 60) [56587] "grounding" in a high-rise/shielded balanced line (long)
by Jim Glover <psykey@okcforum.org>
- 61) [56588] Re: XCVR: SST-20m tuning ranges
by Allan G Taylor <k7gt@arrl.net>
- 62) [56589] RE: "grounding" in a high-rise/shielded balanced line (long)
by Dave Barrett <DBarrett@creo.com>
- 63) [56590] Re: HB: ?Diac? Curiosity calls
by Chris Trask <ctrask@primenet.com>
- 64) [56591] Schematic Diagram for Bencher XZ-2 Audio Filter
by Derek Brown <DBrown@RFMD.com>
- 65) [56592] Re: ?Diac? Curiosity calls
by "Nick Kennedy" <nkennedy@cswnet.com>
- 66) [56593] Re: "grounding" in a high-rise/shielded balanced line (long)
by "George T. Baker" <w5yr@swbell.net>
- 67) [56594] Re: Max power Qrp in SSB Contests

- by Jerry Flanders <jflanders2@home.com>
- 68) [56595] RE: Max power Qrp in SSB Contests
by Karl Kanalz <KKanalz@excel.com>
- 69) [56596] Re: HTX-10 Radio Shack's 10 meter xcvr
by JFStrain@aol.com
- 70) [56597] Re: "grounding" in a high-rise/shielded balanced line (long)
by "Bob Tellefsen" <n6wg@earthlink.net>
- 71) [56598] K0EVZ on 0100Z (for sure!)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 72) [56599] Re: 5 watts pep is the ARRL Rule
by Bob Patten <n4bp@bc.seflin.org>
- 73) [56600] Re: New K8FF Key
by Bob Patten <n4bp@bc.seflin.org>
- 74) [56601] Re: FISTS Down?
by "Rod Cercone" <rlc@frii.com>
- 75) [56602] Re: New K8FF Key
by "Bob Tellefsen" <n6wg@earthlink.net>
- 76) [56603] Re: New K8FF Key
by "Mark Hogan" <mhogan@email.msn.com>
- 77) [56604] XCVR: RFI Better CW performance form IC-746
by "Rod Cercone" <rlc@frii.com>
- 78) [56605] REVIEW: Timex Expedition Wristwastch
by "Rod Cercone" <rlc@frii.com>
- 79) [56606] Any comments on the GAP TITAN Antenna for QRP use
by "Stephen Farthing" <stephen@stevef.demon.co.uk>
- 80) [56607] ANTS. FEED COAX, when to chng.
by "rohre" <rohre@arlut.utexas.edu>
- 81) [56608] RE: Series or parallel tank circuits (fwd)
by "Tom Bowman" <tbowman@nbn.net>
- 82) [56609] NC-20 problem solved
by Joseph Trombino Jr <joebarb@wilmington.net>
- 83) [56610] ANTS. FEED COAX, when to chng.
by "Ed Manuel (N5EM)" <n5em@flash.net>

Date: Mon, 22 Nov 1999 19:07:36 EST
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [56528] CONTEST: N8IE big adventure. Long
Message-ID: <0.8772db06.256b34c8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, it was a blast.
No Sweep, but real close. I had all but SB, and NWT.
I don't use packet or internet to spot, so I just missed them.

I did have a rather fun time at the start, seems Mr. Murphy payed me a visit before the Sweeps began and fixed my otherwise working mic. After remembering I had an old power desk mic in my pantry, I was back on air.

I worked for 18 hours, made 302 Q's in 77 sections for a claimed score of 46,508.

I ran my TS-440 at 5 watts, antennas were a Hygain vertical, G5RV, and a 130' longwire.

Here is the matrix:

80	42
40	62
20	78
15	48
10	72

Tot 302

72, 73, oo's

Dan, N8IE Kettering, Oh

FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667

<http://members.aol.com/shephed/n8ie.htm>

Date: Mon, 22 Nov 1999 16:14:45 -0800 (PST)

From: Doug Simpson <dsimpson@darkwing.uoregon.edu>

To: Tom Hybiske <hybiske@generalatronics.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [56529] Re: Code pratice software for Mac

Message-ID: <Pine.GS0.3.96.991122161147.29034A-100000@darkwing.uoregon.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

For the Mac, I'd recommend MorseTrainer (currently version 1.1.1). It lets you do all the regular stuff you'd expect (including Farnsworth spacing) and is compact freeware -- no guilt over shareware fees ("I PROMISE to send that guy his \$15 just as soon as I pass the Extra code test..." :).

-Doug Simpson WA7SKY

On Mon, 22 Nov 1999, Tom Hybiske wrote:

> I'm trying to help a friend out of a no-code tech rut and onto the H.F.
> bands. He has an Apple Mac, and I was hoping to find him a Morse tutor

> program that could help him along. Anybody have any suggestions (besides
> tossing out the Mac ;-) for software?
>
>
> Also Thanks to all who responded last week to my own question concerning PC
> logging and cw generating programs. After looking at them all, I decided on
> the TRlog software. It seems to do everything I wanted, and then some!
>
> tnx es 7 3,
>
> Tom K3GM
>
>
>
>

Date: Mon, 22 Nov 1999 19:24:15 -0500
From: Paul Stroud <aa4xx@ipass.net>
To: Charles Greene <cgreene@loa.com>
Cc: QRP-L <QRP-L@lehigh.edu>
Subject: [56530] Re: Vertical Antenna notes]
Message-ID: <3839DEAF.F4279AF2@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Charles,

Thanks very much for your interesting response regarding vertical
antennas. I think your ideas concerning on-the-air comparisons are
well-founded. We have all experienced times when antenna models behaved
quite differently in theory than in practice...

Charles Greene (W1CG) wrote:

<snip>

> I would like to make two points. For a 1/4 vertical to perform properly,
> it needs a large number of radials. It appears to me that for the average
> ham that doesn't want to put in the necessary radials, the 1/2 wave length
> antenna may outperform the 1/4 vertical.

An excellent point--one that has been proven to my satisfaction by field
trials at AA4XX (average clay soil-central part of the state), where a

1/2 wave vertical with 2 radials bested a 1/4 wave vertical with 30 radials by an average of 6dB. The verticals (with radials) were later transposed in order to eliminate environmental factors, with the same 6dB gain in favor of the 1/2 wave vertical.

Interestingly, my 20M inverted vee reference antenna beat the verticals hands down even over long paths. Repeating this test at the coast showed a completely different picture, with the 1/2 wave vertical consistently beating the inverted vee by 6-10 dB over DX paths.

>I have a Hustler 6BTV with
> 480' of varying lengths of radials, but according to the tests made, I have
> less than half enough. I believe the Cushcraft R5 and R7 series are
> electrical half wave antennas, and as such, require very few radials; just
> enough to decouple the coax. I wonder how they perform during
> on-the-air tests, vs the 1/4 wave vertical?

I'd also be very interested in on-the-air comparisons between the R5 and R7 (one the bands that they are considered to be half-wave radiators) and conventional 1/4 wave verticals.

72 and Happy Thanksgiving, Paul AA4XX

Date: Mon, 22 Nov 1999 19:25:23 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [56531] Wanzer Z-Match info wanted
Message-ID: <016101bf3549\$3c2e1140\$4d775acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

I just bought a Wanzer Z-Match tuner and would like to find the manual for it. It is model Z4-M. (The M stands for meter model) (these tuners were made in the Seattle area I think)
It covers 160-10 meters and has a switch to change between a T match or Pi match. I have looked at all the old vintage manual web sites that I know of to no avail. Any help would be appreciated..

thanks
Tim
NZ8J

Date: Mon, 22 Nov 1999 19:29:46 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>, "tentec" <tentec@contesting.com>
Subject: [56532] Pegasus power output
Message-ID: <016d01bf3549\$d8921400\$4d775acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just in case anyone is interested in using a Ten Tec Pegasus QRP, my Pegasus minimum power output is about 1.5 watts as it comes from the factory. I don't know if there is an internal adjustment. The digital power meter is not real accurate at low powers according to my external meter. 10 watts indicated on the internal meter shows 5 watts on my external meter. I'd be interested in hearing from others who plan on using their Pegasus QRP....

73
Tim
NZ8J

Date: Mon, 22 Nov 1999 18:31:55 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-1@lehigh.edu, mboot@minn.net
Subject: [56533] PARTS: RE:Bourns 3610, 10K, 10T, Knobpots
Message-ID: <3839E07B.4DFC3926@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi guys.....

The source for the knobpots has only 8 left. If you are interested e-mail him below.
These are NICE ! These are \$12 each plus \$3.20 Priority mail..... I bought a couple for the same shipping

73 de Mike, W9WIS

"Thanks for the update!! We have a total of 8 of those components. If others are interested, please let me know! Regards, Mike Boot KD0SB"

mboot@minn.net

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal,
NJ-QRP #214, Cheeseheads QRP Club
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Mon, 22 Nov 1999 18:39:36 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [56534] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.991122182958.32706A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...upon checking back, I found I forgot to add a point for those Team members who also did fox duties....I have added that in for K10J, KU7Y, AB5UA and N5TW...

.72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"
"I am da man wit "DAH" paddle!"

..DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
AS TO PAUL...that will be a big help...thank you all....

Fox Hunt #8 -N5TW -

20th. MAINE BENGAL BEARS:Total=4 BLUE J's:Total=4

Jim - N5IB
Butch - N5SMQ
Bill - NT1R <-
Joel - KE1LA

DURHAM MORSE MEN:Total=0

Jim - VE3KQN
Ken - VE3ELA
John - VA3JE
Garry - VE3REP

HOUSTON HOUNDS:Total=23

Bill - K5ZTY
Bill - W5SB
Terry - KQ5U <-
Dan - KK5LD

NIGHT OWLS:Total=10

Ed - WE6W <-
Rich - N5JI
Dan - N7CQR
Ben - NW7DX

RAIDERS OF THE LOST RF:Total=12

Fred - VE3FAL
Earl - VE6EWM <-
Mary - NA6E
Bruce - VE5RC <-

SFBA FOGHORNS:Total=5

Bob - N6WG
Conrad - NN6CW
Andreas - N6NU
Allan - K7GT

SWORDS:Total=14

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE <-

TEAM ScQRPion:Total=21 "SWEEP"

John - VE3JC <-
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

EMPIRE HOUNDS:Total=6

Dick - K2REB
Kevin - N2TO
Mark - N2JTW
Nick - KF2PH

MANGY MUSHERS:Total=16

Pete - NV4V <-
Paul - VE7CQK
Bruce - N7RR
Ed - K1VP <-

OKLAHOMA TORNADOS:Total=18

Cliff - AB5UA
Royce - KE5TC
Don - K5AAR <-
Gody - AC6U

SCATTER SHOT GUNNERS:Total=17

Mike - K1MG <-
Jack - W5TFB
Stan - N6XU
Pat - K0PC <-

SWAMP RATS:Total=22 "SWEEP!"

Tom - N1TP <-
Mac - AF4PS <-
Fred - W2XN <-
Paul - AJ4Y <-

TEAM CRAMP.COM:Total=15

OJ - K10J
George - K5VUU
Mike - K5NZ
Eric - NM5M

TESLA'S TERRORS:Total=30 "SWEEP!"

Floyd - NQ7X <-
Gary - AB7MY <-
Conard - WS4S <-
Bob - KI7MN <-

TEXAS TARANTULAS:Total=21

Bill - K5LN
Dave - N5IW
Bob - AF5Z
Tom - N5TW

WESTERN WRANGLERS:Total=10

Randy - K7TQ
Chuck - K7QO
Steve - WW7Y
Ron - KU7Y <-

...72 - Bruce(VE5RC+VE5QRP)

Wayne - N0EA <-
Dan - N0DT <-
Tim - N0EHW <-
Joe - W0JOE <-

UNDERDOGS:Total=26 "SWEEP!"

Roy - AB7CE <-
Dan - N4ROA <-
Brian - KB9BVN <-
Ron - KI0II <-

NORTEX Irregulars:Total=2

Doc - W5TB
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

Date: Mon, 22 Nov 1999 19:40:14 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [56535] K0EVZ FOX for 11/25/99
Message-ID: <199911221943_MC2-8E15-C4E6@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Well get ready for the K0EVZ FOX hunt on Thursday, 1/25/99, 0100-0300Z
(that is 8:00-10:00 p.m. CDT). Hope everyone will get a chance to bag this
here wizened ole FOX.

Setup will be the K2 at 5 watts to either a double bazooka or possibly the
new 540' horizontal loop (if I can get it installed before then).

I plan to begin on 7042, =/- QRM. But if the Arkansas net is there, I will
most likely go *higher*. Will use the RIT often and judiciously, so plan
accordingly. Note that I still use paper logging so things take a bit of
time. Will plan to confirm each individual QSO by sending your call at
least once during my exchange.

Exchange--after I call CQ FOX or simply QRZ, send your call once. I hope
to work fast, picking off hunters on the high or low side.
Hint...hint...hint.

Have fun and good luck. Let's keep our fingers crossed for excellent
propagation.

72,
--Doc Lindsey/K0EVZ
DSBF

PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Mon, 22 Nov 1999 19:48:52 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [56536] Re: TT argosy?
Message-ID: <3.0.32.19991122194848.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:45 PM 11/22/99 -0500, you wrote:

>Are there any Ten tec collectors/users that know the answer to this
>question? I have an argosy II serial number 02644. Does it require noise
>blanker model 223 or 223A ? Since I am looking for one; I should probably
>find out :-)

>
> 73,
>
> Jim n2go

Jim,

The info sheet that came with my 223A from Ten-Tec for my 525
says that the 223 is for SNs below 0825...higher SNs use the
223A.

73 Pete NV4V

Date: Mon, 22 Nov 1999 19:32:23 -0500
From: Nils R Young <nilsbull@juno.com>
To: KB90CE@aol.com, QRP-L@lehigh.edu, elecraft@qth.net
Subject: [56537] Re: More Mr. Microphone & Midwest Surplus info
Message-ID: <19991122.193244.-631001.6.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Mike (KB90CE) and others have asked me this often enough for me to
finally think I'll just bomb you all with this info.

The question is: "Where is Roger's Midwest Surplus . . . Are they on
line?"

Well, yes & maybe.

Midwest Surplus Electronics
501 West Main Street
Fairborn, OH 45324
937-879-2250

I do believe that they have a web site . . . it's just that I'm so close to living there that I never think to go & look.

Roger is celebrating 20 years of business this month. He has nice little complimentary pens. Don't tell him I said this, 'cause he'll claim that I'm trying to empty his complimentary pen stock. However, I am planning on buying a bunch of wire for radials in the lawn projects . . . a 6 cents a lb . . . so I can trip gophers & ask questions about beast that chew through teflon insulation &c.l

Roger has parts, pieces, bits, things, stuff fresh outta the box & other neat ephemera of the fast-paced electronics world, like all three boards of a sell out of cell phone set ups. No cases, no button panels, just the boards & parts what's on 'em.

And complimentary pens.

(All this originally started because of my mention of the carbon mic & other stuff I've gotten there to get my K2 hosed up good. If he only had the right size of power plugs . . .)

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

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Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 22 Nov 1999 19:53:05 EST

From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [56538] CONTEST - SS phone QRP
Message-ID: <19991122.185150.4687.2.N5IB@juno.com>

Did enough to get a pin. Set up the TS430 at 5 W PEP using the scope across the dummy load to set the mic gain for peaks. Now not sure if 10 W PEP would have been allowed - no matter. 124 Q's in 55 sections in about 10 hours. HI, AK, PR, NL were the highlights. More Q's on 40 than any other band. Didn't work any other QRPers but heard quite a few. Was that Bob's actual voice at N4BP, or some computer creation - after working him so many times on CW I wasn't sure he had the gift of speech :^)

But it wasn't near as much fun as the CW weekend. I guess because I feel like it didn't require much skill on my part to S&P the strong signals, all the skill was on the other end - and BTW most every op was very patient and considerate. The biggest grouchy remark was "You QRP guys are a challenge sometimes."

But, the log is sent to ARRL HQ already, so another Q class is posted for Ed to point to.

73
Jim N5IB

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 22 Nov 1999 19:53:05 EST
From: n5ib@juno.com
To: qrp-L@Lehigh.edu
Subject: [56539] HTX-10 Radio Shack's 10 meter xcvr
Message-ID: <19991122.185150.4687.1.N5IB@juno.com>

Picked up an HTX-10 today. They were on special for \$139.99, plus I had a "thanks for being such a good guy" 10% off coupon, so it was a pretty good deal. After a few minutes of early play I'm pleased. Heard W1AW CW bulletin here in Louisiana with no antenna connected, not even a stub of coax. Recieve compared not unfavorably with the TS430S, though much broader IF, of course.

But now the real issue: has anyone had one long enough to get out from under the 90 warranty, and thus to get inside the beast to

a) find way to back the power down to 5 or 10 W PEP, other than mic gain
b) defeat the jumpers, diodes, etc. in the mic line that deactivate the radio when the mic is unplugged

Or, has anyone yet cobbled up a Twin-T or other oscillator and PTT circuit to go CW?

RS doesn't carry the matching mic connector - anyone have the appropriate part number reference from another vendor?

The store manager called and found that the service manual is not yet available for order, but it apparently has a stock number and will be available eventually, so schematics and parts info should become known.

If I can get the oscillator and PTT worked up I may try it during the 10 contest. At least for CW setting the power level will be straightforward using the mic gain. If I can figure out how to make it work with the mic disconnected I'll hook up an audio signal generator and see how much tone input is needed.

standard disclaimer - don't work for 'em, just send my money there...

73

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 22 Nov 1999 20:02:57 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [56540] Abaco Island QRP C6A on Tuesday! Forwarded by WB3AAL
Message-ID: <00e101bf354e\$7b6c9ca0\$99e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Edward Breneiser <breneiser@talon.net>
Subject: Abaco Island QRP C6A on Tuesday!

Hi Guys!

Hope to work you from Abaco Island. Look for me
11-23 to 11-30. I'll be listening for QRP'ers on the
usual QRP Frequencies.

72,
Ed, WA3WSJ

Date: Mon, 22 Nov 1999 20:04:27 EST
From: KB0R@aol.com
To: qrp-1@lehigh.edu
Subject: [56541] 5 watts pep is the ARRL Rule
Message-ID: <0.78dc5579.256b421b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

If ARRL has changed the rule it hasn't appeared in their latest rules on the
web.

<http://www.arrl.org/contests/announcements/rules-hf.htm>

.2 Single Operators may be divided into sub-categories based on power output:

1.2.1. QRP: 5-W PEP output or less.

1.2.2. Low Power: 150-W PEP output or less.

1.2.3. High Power: More than 150-W PEP output.

Date: Mon, 22 Nov 1999 20:04:59 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <n5ib@juno.com>, "QRP Mail List" <qrp-1@Lehigh.EDU>
Subject: [56542] Re: HTX-10 Radio Shack's 10 meter xcvr
Message-ID: <005801bf354e\$c5bd4520\$33e2fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>a) find way to back the power down to 5 or 10 W PEP, other than mic gain

That might be a decent mod. You might have to put a dual pot control in the radio unless you want to butcher the case.

>b) defeat the jumpers, diodes, etc. in the mic line that deactivate the
>radio when the mic is unplugged

I don't think this is that easy. The way some of those rigs work the PIN diodes are wired so that the mic completes the circuit for receive. I suppose you could put in a small relay behind the mic connector, and have keying the mic pull the relay instead of using the solid state switching. I haven't seen that rig yet, but if it requires the mic to receive, I'll bet that's what they're doing.

Mike Yetsko
N1DVJ

Date: Mon, 22 Nov 1999 18:18:33 -0700
From: zmola@campbellsci.com
To: n5ib@juno.com, qrp-1@lehigh.edu
Subject: [56543] Re: HTX-10 Radio Shack's 10 meter xcvr
Message-ID: <199911230116.BAA04536@demeter.campbellsci.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Does this mean they are off back order?

> Or, has anyone yet cobbled up a Twin-T or other oscillator and PTT
> circuit to go CW?

I keep working on this (for both htx 10 and spitfire 10M ht).
I put my tick chip on the scope and saw a nice square wave coming out.
I am assuming that this will produce too many harmonics (at odd frequencies).

> If I can get the oscillator and PTT worked up I may try it during the 10
> contest. At least for CW setting the power level will be straightforward
> using the mic gain. If I can figure out how to make it work with the mic
> disconnected I'll hook up an audio signal generator and see how much tone
> input is needed.

Keep us posted.

Carl
zmola@campbellsci.com

Date: Mon, 22 Nov 1999 19:37:31 -0600
From: "Bill Johnson" <b1ljohn@msn.com>
To: <qrp-1@Lehigh.EDU>
Subject: [56544] Norcal Paddle Manual
Message-ID: <000401bf3553\$4f4d7fe0\$943c0b3f@bill>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am in need of the Norcal Paddle instructions. I have the 2nd page only.
I would like the entire manual via e-mail if someone could do me the favor.
Thanks!

72,

Bill
K9YEQ
b1ljohn@msn.com
MNQRP Club
K-2 (FT #35), Rainbow Tuner, LDG QRP Auto tuner

Date: Mon, 22 Nov 1999 21:00:02 -0500
From: Bob Edwards <w4ed@gis.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [56545] ARS Scouting Trip, GA|AT
Message-ID: <3839F522.6E418C4E@gis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Georgia and North Carolina have suffered forest fires in the
past week. Georgia had 6391 acres affected, they closed the

AT between Woody Gap and Neels Gap, and had nearly 400 fire-fighters working 8 fires at the worst time.

The AT has been reopened as of Sunday, Nov 21. But fires continue to burn. The USDA Forest Service reported today, about the fires near the closed AT section : (the fires are) "fully contained within firelines and are expected to be declared controlled by Wed. Nov 24".

Because of the fires and AT closure my scouting trip a couple days ago, was shifted eastward, away from Neels Gap, my original westbound trailhead start point

ARS Scouting Trip

Did a day hike on the AT above Helen Georgia from Unico Gap to the peak of Rocky Mountain. It was strenuous most of the way, not the moderate-strenuous as stated in a hiking book.

Rocky Mountain, on the AT, is a definite Top-Of-The-World site, however, it took us 1 & 1/2 hours at elevated heart rate to get there. I tried various 2 meter repeaters to check for line-of-sight paths, and all repeaters from Jasper to Atlanta sounded good. So simplex should work OK too, from Rocky Mtn on the AT.

This mountain gets its name for its unusual amount of rock outcropping, unusual for the southern most portions of the AT. Good hiking boots with ample ankle support is what I recommend. With the hard wood leaves now down, covering the trail, we were careful going both up and down this little stretch of the AT

ps, downloaded waypoints and the peak of Rocky Mtn into my GPS from Delorme Topo USA vs 2.0. While the contour lines were fairly close, its AT path was in-accurate. It was off as much as 0.2 miles, and was mis-leading. The 0.2 mile error is a lot in the mountains. My GPS was giving 40-50 ft RMS error so don't think the satellites or my GPS was off.

--

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```

Bob 72/73
email, w4ed@amsat.org
<http://www.qsl.net/w4ed>
near Atlanta, GA EM73wt

Date: Mon, 22 Nov 1999 21:04:25 -0500 (EST)
From: James Skalski <jskalski@localnet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56546] Re: WTB TT argosy accessories
Message-ID:
<Pine.LNX.4.20.9911222102410.1114-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Noise blanker 223A for SN 0824 and above. Model 223 for SN before that.
Thanks guys.

73,

Jim

Date: Tue, 23 Nov 1999 03:06:04 +0000
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [56547] FOX # 9
Message-ID: <383A049C.921CBAB8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WOW!

K5TF bagged de FOX at 0303 UTC
with his little Tuna Tin 2 transmitting with 200 mw.

Super QS0!

73

Tom, N1TP

Date: Mon, 22 Nov 1999 22:25:50 -0500
From: Brian Murrey <brian@iquest.net>

To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56548] Re: FOX # 9
Message-ID: <383A093E.69CC8D5@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That is just outstanding! Awesome.

Some guy in Cleveland was making fun of my 5 watts on SSB the other night....then this station from NJ breaks in and gives ME a better signal report than the 1000 watt Cleveland guy. I was so proud of my Ten Tec Scout.

Tom Palmer wrote:

>
> WOW!
>
> K5TF bagged de FOX at 0303 UTC
> with his little Tuna Tin 2 transmitting with 200 mw.
>
> Super QS0!
>
> 73
> Tom, N1TP

--

=====
KB9BVN -NORCAL #2792 FISTS #5695 QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.5w
Proud to be a member of the American Radio Relay League
Foxhunting Team UNDERDOG - Underdog #4
FISTS Century Club #764 - FISTS QRP Century Club #24
=====

Date: Tue, 23 Nov 1999 03:20:00 -0000
From: "Andy GM0NWI" <gm0nwi@tesco.net>
To: "American QRP List" <qrp-l@lehigh.edu>
Subject: [56549] HW9 Manual + Schematics WANTED...!
Message-ID: <00e801bf3561\$a0fd06e0\$d4468cd4@andy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

72s De Andy GMONWI
"Long Live QRP...!!"

gm0nwi@tesco.net

----- Original Message -----

Hello Again Fellow QRP`ers.....

I have been posting in the past a few things to the European and American lists,
regarding my need for bits `n` pieces for my Heathkit HW collection, with great success...

I am now again once in need for some "help from my friends"..

If there is anyone outhere that can help me with my current "plea for help" read on..!

I am currently in need for either anyone who can COPY or at best allow me to BORROW,
a copy of the Heathkit HW9 Manual and it`s Schematic in it`s eniritey, to allow eventually
carry out some testing....

I would be VERY grateful if anyone on the list who has such an item, to please either post on the
respective lists or direct to my e-mail address ANY info they may have regarding the possibility
of me obtaining ANY of the above mentioned material...

I would be more than pleased to receive either a scanned file of these or at best as already mentioned
if someone who has these either "surplus to requirements" or who would be willing to let me borrow them
for my intended use, to please contact me...

Thanks guy`s again for takin` the time out to allow me to ask this favour, will look with interest at anything useful.. I have found the lists to be of invaluable help to me in the past so trust this will be likewise..

Thanks all for the bandwidth, looking forward to hearing from you all..

72s De Andy GM0NWI
"Long Live QRP...!!"

gm0nwi@tesco.net

Date: Mon, 22 Nov 1999 22:27:50 -0500
From: Brian Murrey <brian@iquest.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [56550] FISTS Down?
Message-ID: <383A09B6.B14E5FEB@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone besides me having trouble hitting the FISTS website in the last couple of days?

Anyone have any info?

Thanks

--

=====
KB9BVN -NORCAL #2792 FISTS #5695 QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
Foxhunting Team UNDERDOG - Underdog #4
FISTS Century Club #764 - FISTS QRP Century Club #24
=====

Date: Mon, 22 Nov 1999 22:29:59 -0500
From: Norman Young <normany@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [56551] Help With MFJ 1224 RTTY/CW Interface

Message-ID: <1.5.4.16.19991123032959.2dc7419a@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Once again I come thirsting to well of knowledge...

Our club was recently given an MFJ 1224 RTTY/CW computer interface. It must be pretty old because it comes with software for a Commodore computer, and the manual mentions software to use with the VIC 20, Commodore 64, Apple and TRS 80 computers - but nothing about PC's. Does anyone out there know whether there is software to use this thing with a PC, and if so, where it is available? Also, can anyone tell me what the settings for the DIP switches need to be for such software?

I'd like to get this thing adapted to a PC to use in our licensing classes if I can. According to the previous owner, it works FB on his Commodore.

Please reply directly to me rather than the list, since this is not, strictly speaking, directly QRP related.

Tnx es 72,
Norman

Norman Young <><
KA4PUV
Zebulon, NC

Date: Mon, 22 Nov 1999 22:27:40 -0500
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [56552] Re: HTX-10 Radio Shack's 10 meter xcvr
Message-ID: <19991122.222931.-106781.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

A couple of observations on the HTX-10. First, they are in stock in most areas, and can be shipped to a store on request despite what some RS employees (and managers) want to say...

>From: n5ib@juno.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Date: Mon, 22 Nov 1999 19:53:05 EST

>Subject: HTX-10 Radio Shack's 10 meter xcvr

-----<snip>-----

>b) defeat the jumpers, diodes, etc. in the mic line that deactivate the radio when the mic is unplugged

This will be hard to do as the mike provides the switching for the audio aoutput, either to the speaker or to the finals as the modulator in the AM mode. If you eliminated AM, you could also eliminate the RX audio switching. A really or some kind of (rugged) switching transistor would be required to eliminate the mike connector probalem and still keep AM...

>Or, has anyone yet cobbled up a Twin-T or other oscillator and PTT circuit to go CW?

>RS doesn't carry the matching mic connector - anyone have the appropriate part number reference fron >another vendor?

The mike connectors are available at almost any truckstop with a "CB" shop. It's the same connector as the Uniden President and other Euro-CB's. They are aslso available from Hosfelt Electronica and Universal Radio, no URL on tap here, but they're both on the Net...

-----<snip>-----

>73

>Jim N5IB

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 23 Nov 1999 03:57:32 +0000
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [56553] FOX 9 K5LN BILL TX
Message-ID: <383A10AB.9391BCEF@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OM FOX - Bill - has got some GOOD ears!.

He's picking up some VERY weak hounds late in the hunt.

GOOD WORK! BILL.

72/73

Tom, N1TP

Naples, FL.

Date: Mon, 22 Nov 1999 20:41:23 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56554] Re: FOX 9 K5LN BILL TX
Message-ID: <Pine.GS0.4.10.9911222039460.9265-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good job by Bill tonight.

Condx were just not very good here in Nevada but Bill still managed to pull my little sig out of the crowd!

About then the SSB QRM hit but I think he got all the data OK.

Good job Bill! You are sure earning every one of the QSO's tonight.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Mon, 22 Nov 1999 22:12:47 -0700
From: "Rod Cerkoney" <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56555] Re: FOX 9 K5LN BILL TX
Message-ID: <02e501bf3571\$662c0240\$5c8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Very Good ears indeed; If his end was as bad as my end!

Weak sigs, QRN/M, Static Bursts...you name it, Had to give Bill a 339. Not his fault, that's just the way 40m is sometimes. It took me several minutes to just to find him; Going back and forth between my Icom & K2. Sometimes the Icom DSP helps in these lousy conditions. But it was the K2 that got him. Thank God (or at least Wayne) for the noise blanker option. It really does work better than the one in the Icom!

Anyway, TNX Bill for pulling me out, one of my special issue HB FOXHUNT QSL cards is on the way to you!

72/3 Rod, NØRC -- Fort Collins, CO

----- Original Message -----

From: Tom Palmer <n1tp@worldnet.att.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, November 22, 1999 8:57 PM

Subject: FOX 9 K5LN BILL TX

> OM FOX - Bill - has got some GOOD ears!.
> He's picking up some VERY weak hounds late in the hunt.
>
> GOOD WORK! BILL.
>
> 72/73
> Tom, N1TP
> Naples, FL.
>

Date: Tue, 23 Nov 1999 00:23:04 -0500

From: Pete Burbank <plburbank@kih.net>

To: <qrp-1@Lehigh.EDU>

Subject: [56556] Re: FOX 9 K5LN BILL TX

Message-ID: <3.0.32.19991123002301.0068a840@kih.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 08:41 PM 11/22/99 -0800, you wrote:

>Good job by Bill tonight.

>
>Condx were just not very good here in Nevada but Bill still
>managed to pull my little sig out of the crowd!
>
>About then the SSB QRM hit but I think he got all the data
>OK.
>
>Good job Bill! You are sure earning every one of the QS0's
>tonight.
>
>cul,
>
>73, Ron, SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
>
>
>
Ron and gang,
Certainly was a great job by Bill! The lightning QRN was rough
and a look at the weather map here showed the large area of
showers in the midwest USA. But he had a strong signal into
the Bluegrass...especially at the end of the Hunt.
73 to all
Pete NV4V 1721

Date: Mon, 22 Nov 1999 21:35:34 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [56557] Fox #5
Message-ID: <01bf3574\$90ae3e40\$35f1fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, so 5 isn't exactly earthshaking, but I'm delighted. Some nights I
haven't been able to hear the fox at all.
Bill did a fine job tonight, given that he was in and out, so a very moving
target. I imagine signals from the Left Coast would have been in and out
for him too.
Heard the usual suspects in there as well, K0EVZ, K1MG, WE6W, KI7MN and a
few other bodacious signals.
Keep it up, gang, the season is just coming up to speed.
72, Bob N6WG

Date: Mon, 22 Nov 1999 23:43:54 -0600
From: "Lawrence T. Owens" <w4dec@dibbs.net>
To: qrp-1@Lehigh.EDU
Subject: [56558] SS Soapbox:
Message-ID: <383A299A.3954@dibbs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello ALL!

Used the K2 in the sweepstakes. It performed great. It was the operator that got tired and messed up. worked 12 hours and 43 minutes.

Total QSOs 202 in 72 sections for a total score of 29,088. Only worked 2 Q stations N7VY and VE4VV both had nice signals into Alabama. Did not even work my own state. Could not get any runs going. so was mostly search and pounce. Had lots of fun anyway and thats what its all about. Hope all of you that entered had fun also. My logs already gone to ARRL.

72 All,

Larry (W4DEC)

Date: Tue, 23 Nov 1999 01:13:55 EST
From: DYARNES@aol.com
To: flydnq7x@primenet.com, qrp-1@lehigh.edu
Subject: [56559] Re: 10W PEP X QRP
Message-ID: <0.30fc0567.256b8aa3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 11/22/99 4:09:17 PM !!!First Boot!!!,
flydnq7x@primenet.com writes:

<< Couple years ago I ran 10W PEP in ARRL Contest and was told by then Contest Mgr that I could NOT claim QRP and would be placed in the low power category. >>

Hi All,

Hmmmm! I thought the rule had been changed! Now that I look back at the

rules in October QST I don't see any reference to anything but 5W. I was sure running 10 w. not 5 w. and I was signing "Q" as a precedence. Actually, I was only trying for a sweep and not for maximum QSO's. I worked 62 sections in about 75 QSO's (I camped out on a lot of spots to get some of those toughies). Guess I will just have to "hold" my entry. What the heck! As the man said, "it don't make me no never minds anyway!"

72 de W7AQK (the QRO K2er)

Date: Mon, 22 Nov 1999 22:16:36 PST
From: "Jesse Hires" <jhires@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [56560] Want info on the K2
Message-ID: <19991123061637.61530.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Is there a web page on the K2. It seems to be quite popular and I just wanted to look it up.

Thanks
Jesse

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 22 Nov 1999 22:37:57 -0800
From: "Andreas Junge" <andreas@opengrid.com>
To: <jhires@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [56561] RE: Want info on the K2
Message-ID: <000a01bf357d\$47bac5b0\$7937a6d0@ANDI2000>
Mime-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jesse,

the official web page is :

<http://www.elecrafter.com/>

Enjoy !

Andreas, N6NU
Menlo Park, CA
K2 #00014

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Jesse Hires
> Sent: Monday, November 22, 1999 10:17 PM
> To: Low Power Amateur Radio Discussion
> Subject: Want info on the K2
>
>
> Is there a web page on the K2. It seems to be quite popular and I just
> wanted to look it up.
>
> Thanks
> Jesse
>
>
> -----
> Get Your Private, Free Email at <http://www.hotmail.com>
>

Date: Mon, 22 Nov 1999 22:41:39 -0800 (PST)
From: Joe Stodgel <joe_stodgel@yahoo.com>
To: brian@iquest.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56562] Re: FISTS Down?
Message-ID: <19991123064139.17358.rocketmail@web1403.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Brian Murrey <brian@iquest.net> wrote:
> Anyone besides me having trouble hitting the FISTS
> website in the last
> couple of days?
>
> Anyone have any info?
>
> Thanks
>
> --
>

=====
> KB9BVN -NORCAL #2792 FISTS #5695 QRP-L #1540

=====

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

On Mon, 22 Nov 1999 KBOR@aol.com wrote:

But keep in mind that specific contest rules supercede these "General HF" rules. And the SS rules simply say "5W" and do NOT specify PEP.

Bob Patten, N4BP (0 0) Plantation, FL

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Tue, 23 Nov 1999 05:13:39 -0600
From: "George Edwards" <gedwards@onramp.net>
To: <jhires@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [56564] Re: Want info on the K2
Message-ID: <004a01bf35a3\$ccdadca0\$a02efea9@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.elecrafter.com/home.htm>

----- Original Message -----

> Is there a web page on the K2. It seems to be quite popular and I just
> wanted to look it up.
>
> Thanks
> Jesse

Date: Tue, 23 Nov 1999 06:53:46 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [56565] Re: Series or parallel tank circuits (fwd)
Message-ID: <Pine.GS0.4.10.9911230649560.4367-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Lenny Wintfeld has come to the rescue with the VFO article by Jim Fisk in Ham Radio. As I noted to Lenny, I do not like to think of it as being so long ago, but it remains a classic, covering a wide variety of VFO circuits. Now if I only had saved that issue when I donated my collection of HRs to a library--which is now missing most of them.

Hope those who have access to this issue read the article, as it cleared a host of my own misconceptions back then.

LB, W4RNL

----- Forwarded message -----

Dear L.B. :

I believe you're referencing HAM Radio June 1968: "Stable Transistor VFO's" by JR Fisk. I don't have that issue but have seen the article referenced in subsequent articles...

Lenny Wintfeld w2bvh

Date: Tue, 23 Nov 1999 07:10:12 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:plburbank@kih.net" <plburbank@kih.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [56566] Re: FOX 9 K5LN BILL TX
Message-ID: <199911230712_MC2-8E48-86C2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Pete:

Yep the QRN was ear busting here. Don't yet have the NB installed in my K2, so I switched to the Sierra with Buzz Not. Got him at 0217 using 2 watts to the double bazooka at 50'. He was doing a great job. Be sure to hunt for me tomorrow evening. Here's hoping for great conditions.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Tue, 23 Nov 1999 07:10:14 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n6wg@earthlink.net" <n6wg@earthlink.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group

<QRP-L@Lehigh.edu>
Subject: [56567] Fox #5
Message-ID: <199911230712_MC2-8E48-86C3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Bob:

Well it was touch and go here, even though Bill was 569 when I bagged him at 0217. The QRN was stupendous at times, and absolutely ear shattering. In fact, it was so rough that I switched from the K2 to the Sierra with its Buzz Not (don't have the K2 noise blanker installed yet). Felt fortunate to get him early, as by 95 minutes into the hunt could barely hear him or the pack at all.

Here's hoping for better condx for everyone tomorrow evening. I will be on from 0100-0300 *tomorrow* (NOT January 2000!) evening. Will use the double bazooka at 50' unless I can get the horizontal loop installed by then. Fingers crossed.

Congrats on your success, and keep up the good work.

72,
--Doc Lindsey/K0EVZ
 DSBF
 PO BOX 6028
 Bismarck, ND 58506
 K0EVZ@arrl.net

Date: Tue, 23 Nov 1999 07:10:15 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [56568] FOX K0EVZ 25 Nov 99
Message-ID: <199911230712_MC2-8E48-86C4@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Well get ready for the K0EVZ FOX hunt on Thursday, 25 Nov 99, 0100-0300Z (that is Wednesday @ 8:00-10:00 p.m. CDT). Hope everyone will get a chance to bag this here wizened ole FOX.

Setup will be the K2 at 5 watts to either a double bazooka or possibly the new 540' horizontal loop (hoping to get it installed this afternoon).

I plan to begin on 7042, +/- QRM. But if the Arkansas net is there, I will most likely go *higher*. Will use the RIT often and judiciously, so plan accordingly. Note that I still use paper logging so things take a bit of time. Will plan to confirm each individual QSO by sending your call at least once during my exchange.

Exchange--after I call CQ FOX or simply QRZ, send your call once. I hope to work fast, picking off hunters on the high or low side. Hint...hint...hint.

Have fun and good luck. Let's keep our fingers crossed for excellent propagation.

P.S. Thanks to Rod Johnson KA7YOU for noting a typo in my original posting from yesterday.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Tue, 23 Nov 1999 07:10:11 -0500

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: "INTERNET:rlw@frii.com" <rlw@frii.com>

Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>

Subject: [56569] Re: FOX 9 K5LN BILL TX

Message-ID: <199911230712_MC2-8E48-86C1@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain;

charset=us-ascii

Content-Disposition: inline

Rod:

Well I didn't have the NB option in my K2 yet, and the QRN was so rough

that I had to switch to the Sierra with its Buzz Not. The receiver was much quieter, and I bagged him at 0217 with 2 watts. Antenna was the double bazooka at 50'.

Congrats on getting yet another one. Man oh man the season is rushing by now. Be sure to hunt for *me* tomorrow evening at 0100-0300Z. Here's hoping for good propagation.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Tue, 23 Nov 1999 07:16:29 EST

From: Shephed@aol.com

To: qrp-l@lehigh.edu

Subject: [56570] FOX: Great job Bill

Message-ID: <0.47610e96.256bdf9d@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Bill, I think you should get an award for last night. It has been a long time since I heard 40 this rough, sounded like 160 in June. :-)

Your signal was up-n-down all night, did hear a few others, N8VAR, K0EVZ, K1MG, and a few right coasters.

Strange thing heard was two Hams trying to finish a QSO just below Bill, they kept sending "QRT QRT QRT QRT OK" then "OK OK OK OK QSL QSL", this went on for several minutes. I bet they were QRO. :-)

72, 73, oo

Dan, N8IE Kettering, Oh

FPqrp #-6, QRP-l #1404, FISTS #4985, Zombie #667

<http://members.aol.com/shephed/n8ie.htm>

Date: Tue, 23 Nov 1999 07:42:49 -0500

From: "Richard E. Robinson" <rerobins@email.uncc.edu>

To: nilsbull@juno.com

Cc: qrp-l@lehigh.edu

Subject: [56571] Re: Midwest Surplus info

Message-ID: <v03102801b4603bd7b0a5@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here is the website of Midwest Electronics in Minneapolis, MN. Could this be the same company?

<http://www.midwest-electronics.com/>

72,

Rick kf4ar

Date: Tue, 23 Nov 1999 07:46:57 -0500
From: Bob Edwards <w4ed@gis.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [56572] ARS Scouting Trip, GA|AT
Message-ID: <383A8CC1.E3A2DCEC@gis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve, Rod, list

My error, yes AT = Appalachian Trail, sorry.
also ARS = Adventure Radio Society

For those interested, Jarrard Gap is near the middle of the AT section closed due to wildfires. There is a picture of the approach trail at Jarrard Gap on ARS www site, taken in late summer, while still green.

for text see #2 :
http://www.natworld.com/ars/pages/tfr/tfr_res.html

for image see :
http://www.natworld.com/ars/images/tfr_images/woods.jpg

chances are better than 50/50 that site burned.

--

|\
/| \
/ |K2\
/ |21 \
Bob 72/73
email, w4ed@amsat.org

_ /__ |____\ http://www.qsl.net/w4ed
 \-===*===--/] near Atlanta, GA EM73wt
~~~~~

-----  
Date: Tue, 23 Nov 1999 08:12:45 -0500  
From: DNT1@daimlerchrysler.com  
To: qrp-1@Lehigh.EDU  
Subject: [56573] FOX: What a ride!  
Message-ID: <85256832.0048A704.00@Ingodd02.notes.chrysler.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Bill did a great job all right, sure was happy to get in the log! I felt like crawling under the desk when I tried to reply to him & the bug quit working. I jumped to the straight key & showed all of you how poorly I switch sending styles under pressure! Sorry for all of the fumbling, turned out that the spring contact on the dit side had come loose on me and I panicked because it wasn't doing what I told it to.

Bill's signal went back & forth from a low of around 349 to a solid 559 while I was in the hunt; quite a roller coaster ride! Thanks for pulling me out of the madness & not giving up on me while I fumbled the exchange, Bill!

72/73,              Don T.              AI4CW              Toney, AL              EM64pw  
QRP-L#1670

-----  
Date: Tue, 23 Nov 1999 08:32:00 -0500  
From: "Tom Hybiske" <hybiske@generalatronics.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [56574] Re: Code Practice Software for Mac >>>Thanks!  
Message-ID: <01fd01bf35b7\$1fad4680\$8c68f326@generalatronics.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey, thanks guy's for all the great Mac site suggestions! My friend doesn't have access to the web at home, so we hooked it up to my ISP and downloaded



as much as we could in one night. He's retired and has lots of time to review all of your references. He sends his thanks, as do I.

7 3 es tnx,

Tom K3GM

-----  
Date: Tue, 23 Nov 1999 09:01:38 EST  
From: KB0R@aol.com  
To: n4bp@bc.seflin.org, qrp-1@lehigh.edu  
Subject: [56575] Re: 5 watts pep is the ARRL Rule  
Message-ID: <0.bcc18584.256bf842@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

The specific rules for SS say the general rules apply. Where are you reading the rules?

>From Oct 98 QST page 118  
8. Other: See "General Rules for All ARRL Contests" and "General Rules for ARRL Contests on bands below 30 MHz(HF)" December 1997 QST

Anyway, it is always nice to work you in the contests. Contest isn't complete unless I work N4BP.

-----  
Date: Tue, 23 Nov 1999 14:23:29 +0000  
From: c.mark.tyler@att.net  
To: qrp-1@Lehigh.EDU  
Subject: [56576] Ten-Tec reflector - Corsair 1 for sale  
Message-ID: <19991123142230.K0L1865@webmail.worldnet.att.net>

My note to the reflector does not show up!

I have a Ten-Tec Corsair 1 for sale that I have been trying to list on the Ten-Tec reflector. I am subscribed to the journal and see the postings but not mine.

Today I wrote to the owner of the reflector.

\$570 Ten-Tec Corsair H.F. rig (with manual)

It looks like the Corsair at  
<http://pcd2.state.va.us/tentec/>

Want to replace with Ten-Tec Omni V

Ten-Tec within the last year fixed the display,  
replaced the cw crystal filter and a switch on the front  
panel.

The relay has been replaced with transistor.. NOW very  
quiet when switching

-----  
Date: Tue, 23 Nov 1999 09:28:24 -0500  
From: "Franco, Nicholas J" <franco@bnl.gov>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [56577] FOX: Rough Fox Nite Here on LI  
Message-ID: <698DB793D712D31180B600902746422D50BA02@exchange01.bnl.gov>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Bill did an awesome job last night. I was on for most of the two hour stint  
and the sigs were up and down like a roller coaster. Waves of Hunters came  
and went. Bill's sig was also up and down and at time, disappeared for  
times, but always came back somewhere along the path.

There was a QSO going on just below Bill which made things even tougher.  
There were going at it for a while. Here on the East Coast both parties  
were legible and one sounded big time QRO and the other was a QRPer. The  
someone with a rough fist started calling CQ close enough to blank out my  
receiver front end. I was able to move away from the ear piercing tone and  
use RIT to still catch a glimpse of Bill, but my receiver was still muting  
with over S9 on the meter every time this guy would call. Fortunately he  
didn't stick around very long.

Bill then dropped down into the mud during the second hour. I finally made  
it into the log almost 1 1/2 hours into the hunt. It was fun. I even  
heard Bill calling CQ FOX a couple of times so the condx really were  
changing. The first hour there was a barrage of hunters firing at Bill on  
every opportunity and then the second hour you could hardly hear Bill or the  
pile up. Very strange.

Congratulations Bill on a great Hunt. Thank you for your diligence and good

ears :-)

72,

Nick - kf2ph . . .  
QRP-L # 13

Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY  
Systems Administrator CA Department Building 923  
Tel: (516) 344-5467 UPTON, NY 11973-5000  
Fax: (516) 344-2833 Ham Call: KF2PH  
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

-----  
Date: Tue, 23 Nov 1999 07:39:08 -0700  
From: "Ron Smith" <resmith666@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [56578] Re: FISTS Down?  
Message-ID: <16c901bf35c0\$8add11c0\$0200000a@NET.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Just tried, and I can't hit FISTS either.  
> Joe K6JS

It is my understanding that the site <http://www.fists.org> is located in Indiana. It is also my understanding that the area where the FISTS server is located is having a major power outage and that is why the server is unavailable. Rumor has it that the server will return as soon as they have power.

72

Ron Smith - KD7VD - Boise, Idaho

-----  
Date: Tue, 23 Nov 1999 10:00:01 -0600  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: "QRP LIST" <qrp-l@Lehigh.EDU>

Cc: "Michelle Salter" <michelle@vibroplex.com>, "Wayne A Smith" <k8ff@juno.com>  
Subject: [56579] New K8FF Key  
Message-ID: <00fa01bf35cb\$ecbd10b0\$6ae60181@mhoganws>

Well Michelle from Vibroplex called me back yesterday and they are sending me the feet for the key. Wayne also emailed me and told me he would do the same, don't worry Sir they've got it under control. Vibroplex was VERY CONCERNED that a key went out without quality control catching the feet problem. I was very happy with their response and they are sincere in servicing their product. They are very good to work with, I'll be saving for another something soon.

My collection of bugs is making room for the Iambics, but not real happy about it :)

As for the lack of reply, Michelle said they are very busy in production, (good maybe they will stay in business a long time), and she has lots of calls to take care of every day.

So get those orders in, I got SN. #51, so now I can put the one I built in the car and keep the "commercial" version on the desk. This is a real nice job by Vibroplex, the knurled nuts are great, key has a nicer feel than mine, good machining and overall quality is what I'd expect, (have a Champion, a Zephyr, an Original, and an "bug" keyer), still looking for a cheap Brass Racer ,and I made a gift of my Presentation Bug to a friend in Australia, (really miss that one).

Usual junk, I don't work for them (code speed is too slow) and they don't pay me to say this ...

Mark Hogan / N50BC

-----  
Date: Tue, 23 Nov 1999 10:17:01 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: K5ln@aol.com  
Cc: qrp-1@lehigh.edu, prvalko@oakland.edu  
Subject: [56580] Re: FOX:Log for K5LN  
Message-ID: <Pine.LNX.3.95.991123101631.31939A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

...VE6EJM should be VE6EWM...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,  
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"  
"I am da man wit "DAH" paddle!"

-----  
Date: Tue, 23 Nov 1999 11:21:01 EST  
From: Rod J Johnson <ka7you@juno.com>  
To: QRP-L@LeHigh.EDU  
Subject: [56581] HB: ?Diac? Curiosity calls  
Message-ID: <19991123.092603.8391.7.ka7you@juno.com>

When scrouging (recycling) parts from old circuit boards I occasionally run across a T0-39 style, two lead component called a 'DIAC' (bi-lateral switch). I've never seen one used on a schematic, or mentioned in any literature, so can someone explain what they are used for.

I think the schematic symbol looks like two diodes mounted anode to anode.

Thanks

-----  
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-----  
Date: Tue, 23 Nov 1999 11:21:01 EST  
From: Rod J Johnson <ka7you@juno.com>  
To: QRP-L@LeHigh.EDU  
Subject: [56582] Help: (OT) Yaesu FT-707 value  
Message-ID: <19991123.092603.8391.9.ka7you@juno.com>

A local young ham (Peter-KC7UID) has found a nice clean Yaesu FT-707 80-10M HF rig and matching Tuner (FC-707?).

He wants to make a fair offer on it, so any input would be appreciated.

I have not seen it yet, so I don't even know if it is Solid State or a Tube-final rig, but suspect it is late 70's to early 80's vintage. I have not found it in any literature yet, but haven't made it to my attic 'archives' yet. That is a weekend project.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.  
80M thru 10M with K2 s/n268 and other fine QRP rigs.  
VHF thru 1296 MHz-higher bands pending  
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

---

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---

Date: Tue, 23 Nov 1999 11:21:01 EST  
From: Rod J Johnson <ka7you@juno.com>  
To: QRP-L@LeHigh.EDU  
Subject: [56583] Help:Want manual for Heath freq counter  
Message-ID: <19991123.092603.8391.8.ka7you@juno.com>

I've developed an intermittent in my Heath Schlumberger (sp?) SM-128B Digital freq. counter. I got it at a hamfest, with no manual for the 'right' price. I'd like to find a copy of at least the schematic and operational specs if possible. I don't even know the maximum freq it can handle, but it works through 50MHz.

Thanks,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.  
80M thru 10M with K2 s/n268 and other fine QRP rigs.  
VHF thru 1296 MHz-higher bands pending  
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

---

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Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Tue, 23 Nov 1999 11:24:58 -0500  
From: Derek Brown <DBrown@RFMD.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [56584] How do I change to digest mode?  
Message-ID: <7FBBB9EBE9DAD211956F006094253FD9D65CE6@MAIL>  
MIME-Version: 1.0  
Content-Type: text/plain

-----  
Date: Tue, 23 Nov 1999 08:51:32 -0800  
From: Allan G Taylor <k7gt@arrl.net>  
To: qrp-1@lehigh.edu  
Subject: [56585] XCRV: SST-20m tuning ranges  
Message-ID: <383AC614.6617@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have successfully doctored up the tuning ranges on my newly constructed SST-20m. The mods were:

4.7uH replacing 5.6 uH (RFC3?)  
10k instead of 100k (R7?)  
A 2nd 18.0 MHz crystal paralleled with the first.

range with D4A (MV209) is 14050.6 to 14066.0 after paralleling a 10pF SM cap across D4A. (It was originally about 14055 - 14076!)

range with D4B (MVAM108) is 14035.0 to 14060.7 kHz. No padding here but I will likely add 50pF SM and see what that does. I would like a tuning range of 14025 to 14053, or so.

My situation was not quite the norm as I had to bring the tuning range DOWN rather than up. Luck of the draw as far as crystals goes.

Happy Thanksgiving to all!!

Allan Taylor K7GT            Grid CM97            email: k7gt@arrl.net

-----  
Date: Tue, 23 Nov 1999 07:37:52 -0600  
From: "Mike D." <hrg@megsinet.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [56586] RE: FISTS Down?  
Message-ID: <000301bf35b7\$f0e21960\$01d1d6d8@urbancom.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Nancy, WZ8C reported on the FISTS reflector:

> The FISTS Web server had two lightning strikes over the weekend.  
> Lee, N9NVV, who hosts the site (at no cost to FISTS, by the way,

> thanks Lee), says there are outages all over Terre Haute, but it  
> should be fixed soon.

BTW, to be added to the FISTS mailing list, send email as follows:

To: majordomo@qth.net  
Subject:  
Body: subscribe FISTS

73 de Mike, N9BOR  
FISTS NR 4594  
<http://www.qsl.net/n9bor>

di dah dit - The only roger beep you'll ever need.  
My designated driver is a 12BY7A.  
I want to party like it's 1969.  
Solid State leaves me cold.

-----  
Date: Tue, 23 Nov 1999 11:31:15 -0600 (CST)  
From: Jim Glover <psykey@okcforum.org>  
To: qrp-l@lehigh.edu  
Subject: [56587] "grounding" in a high-rise/shielded balanced line (long)  
Message-ID: <199911231731.LAA05651@okcforum.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

First, I'll get to the meat of the matter, for those who are fond of brevity. If you don't like irrelevant details, just read the next two paragraphs:

On the 10th floor of a high-rise apartment building, I plan to run "shielded balanced line" out to a balcony antenna. Everything I've read about these all agrees that the shields of the two pieces of coax should be connected together at the antenna end, but left floating; and connected together at the transceiver end of the transmission line, and grounded. Never once has anyone said that it's sufficient to just connect it to chassis ground. Of course, on the 10th floor, an earth ground is out of the question, anyway.

Now, here's my question: Do I just connect the two shields to chassis "ground" at the tuner, and leave it at that? Or do I need

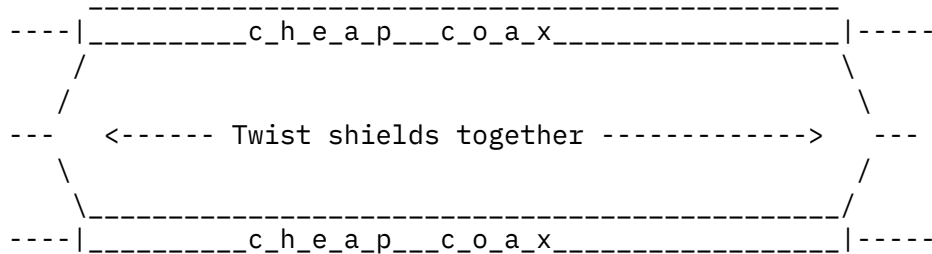


to create an artificial RF ground with quarter-wave counterpoises for each band I want to work on? What is the point of grounding the transceiver side of the shields? Actually, I suspect that the advantage of doing so would be if you could connect it to actual earth ground, which I assume would make the whole system, with its shielding, quieter. I assume that in my situation, connecting to chassis ground is about all I can do. But I'm not sure, so I'd like everyone's comments and suggestions, please.

Now, for those who like details, here's my situation:

After nearly six months in a 10th-floor apartment, I've decided to violate the anti-antenna rules in the dark of night by hanging an invisible dipole over the balcony suspended on PVC supports (which I hope will be somewhat camouflaged). The dipole will be a half wave on 40 meters, center fed. The wire and transmission line will be composed of 30 guage magnet wire. I'll stick 20 feet of PVC off of each of the two corners, angled slightly, so that the dipole will be about 5 feet from the balcony, and will have its middle 40-some-odd feet supported between the ends of the two PVC supports. The remaining length of the dipole (the ends) will hang down. For the transmission line section, I'll use thin strips of 35mm film as spacers. (This will be not only low visibility, but also ultra lightweight.)

OK, here's the part where you need a fixed font:

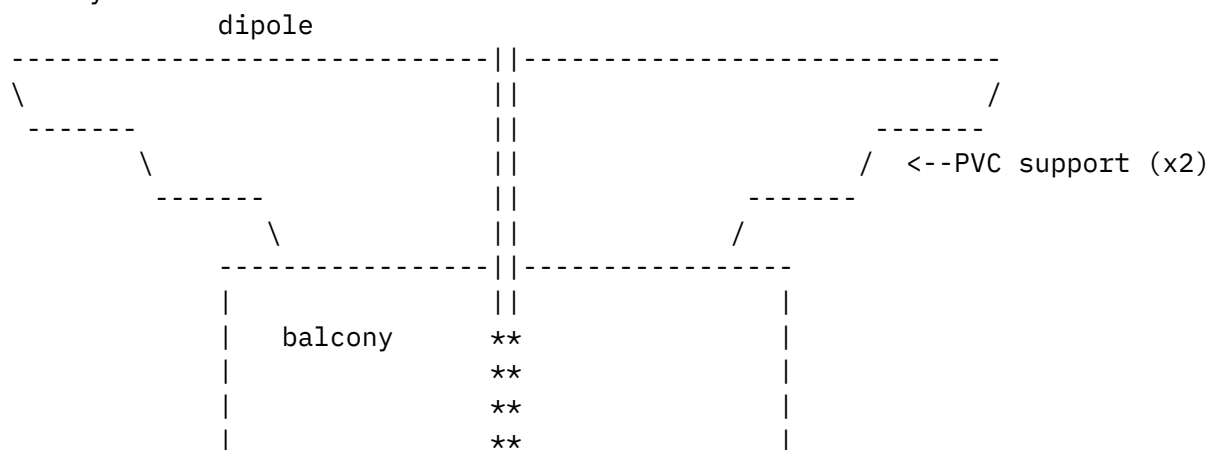


The ASCII drawing above shows how "shielded balanced line" is made, for those of you who may have been wondering. Electrically, it's balanced line, but it has some of the advantages of coax. Most notably, it can be routed through metal window frames and so forth without messing things up. The inner conductors of the coax serve as the two halves of the balanced feedline. The shields are twisted together and left floating at the antenna end, but "grounded" (see my question above) at the transceiver/tuner end of things. Although this drawing shows the two pieces of coax spaced evenly, this is not necessary. The two pieces should be the same length, but part of the magic is that they can both loop and snake around however they want to to make it from hither to yon. They only have to be physically parallel at the two ends. As you can

see, routing this stuff would be much more convenient than routing open balanced feedline.

I've labelled this stuff "cheap coax" because any old coax can be used. Does your local CATV office have some scraps of their TV stuff lying around? If so, they'll work fine. Has a recent upgrade somewhere left hundreds of yards of that coax that used to feed mainframe-connected terminals lying around? That stuff is usually oddball impedance, but it will work just fine for this.

And here's the overhead view of what I'm going to do on my balcony:



The 30 guage low visibility balanced feedline will get it over the edge of the balcony, where I'll connect the "shielded balanced feedline" made of coax. (This, too, is perfectly valid--as long as it's not an impedance-matched system, and you're planning to tune out the mismatch with a tuner at the transceiver, you can mix styles/impedances of balanced feedline in your system, if it's expedient.)

Bonus question: Although I haven't seen anything yet, I'd like to think there must be a better support option than the PVC pipes. I'd like some kind of fiberglass rods, or something. Buying two Black Widow fishing poles would exceed the meager budget for this project. Does anyone know where to find cheap fiberglass rods that could be fitted together somehow to extend 20 feet or so? ...or have any other suggestions for the supports?

Thanks in advance for any answers, comments, advice, or discussion.

--Jim WB5UDE

-----  
Date: Tue, 23 Nov 1999 09:42:45 -0800  
From: Allan G Taylor <k7gt@arrl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [56588] Re: XCVR: SST-20m tuning ranges  
Message-ID: <383AD215.4A99@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Make that XCVR...

--  
Allan Taylor K7GT            Grid CM97            email: k7gt@arrl.net

-----  
Date: Tue, 23 Nov 1999 09:47:37 -0800  
From: Dave Barrett <DBarrett@creo.com>  
To: "'psykey@okcforum.org'" <psykey@okcforum.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [56589] RE: "grounding" in a high-rise/shielded balanced line (long)  
Message-ID: <BFEEFC3386986D2119C0800A0C99B5DE6E96A63@msgcreo3.creo.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"

Hi Jim

Be very careful using film for supports/ spacers as film of any sort is formulated with silver in suspension and hence will have some resistance and or effects on the antenna characteristics.....

Just a thought

Dave VE7PCC

-----Original Message-----

From: Jim Glover [mailto:psykey@okcforum.org]  
Sent: Tuesday, 23 November, 1999 9:31 AM  
To: Low Power Amateur Radio Discussion  
Subject: "grounding" in a high-rise/shielded balanced line (long)

First, I'll get to the meat of the matter, for those who are fond of brevity. If you don't like irrelevant details, just read the next two paragraphs:

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```

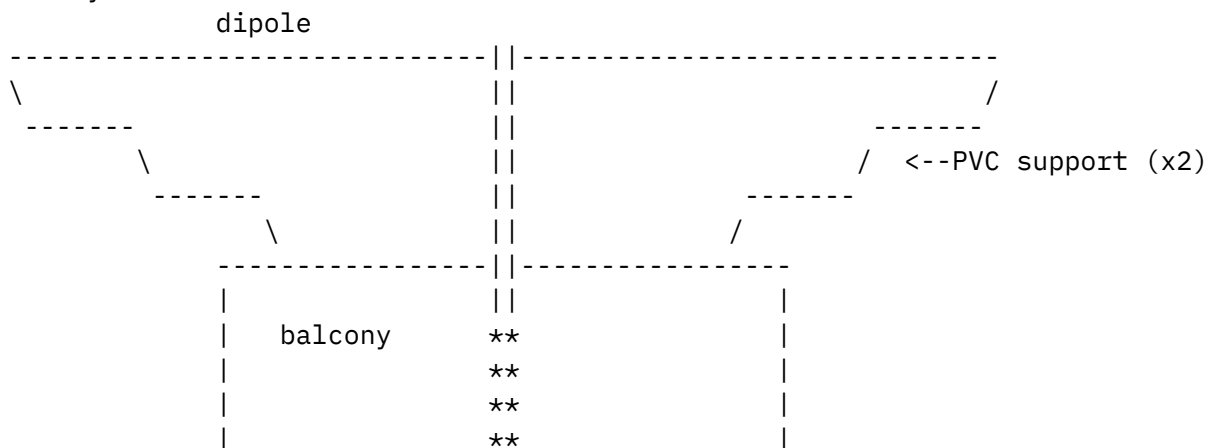
----|-----c_h_e_a_p__c_o_a_x-----|-----
 /                                     \
 /                                     \
---  <----- Twist shields together ----->  ---
 \                                     /
 \                                     /
----|-----c_h_e_a_p__c_o_a_x-----|-----
```

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budget for this project. Does anyone know where to find cheap fiberglass rods that could be fitted together somehow to extend 20 feet or so? ...or have any other suggestions for the supports?

Thanks in advance for any answers, comments, advice, or discussion.

--Jim WB5UDE

-----  
Date: Tue, 23 Nov 1999 10:44:18 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: Rod J Johnson <ka7you@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [56590] Re: HB: ?Diac? Curiosity calls  
Message-ID: <Pine.BSI.3.96.991123104257.4362B-100000@usr02.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Nov 1999, Rod J Johnson wrote:

> When scrounging (recycling) parts from old circuit boards I occasionally  
> run across a T0-39 style, two lead component called a 'DIAC' (bi-lateral  
> switch). I've never seen one used on a schematic, or mentioned in any  
> literature, so can someone explain what they are used for.  
> I think the schematic symbol looks like two diodes mounted anode to  
> anode.  
> Thanks  
>

The Diac is used as a trigger for triacs. They are still used, but rarely seen in low-power thyristor circuits.

Chris

-----  
/ What's all this \  
/ extinct stuff, anyhow? /  
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High Performance Mixers and  
Amplifiers for RF Communications

Chris Trask / N7ZWY  
Principal Engineer  
Sonoran Radio Research  
P.O. Box 25240  
Tempe, Arizona 85285-5240

Technical Editor,  
QRP Quarterly  
QRP ARCI 9464

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Email: ctrask@primenet.com  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

-----  
Date: Tue, 23 Nov 1999 12:53:01 -0500  
From: Derek Brown <DBrown@RFMD.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [56591] Schematic Diagram for Bencher XZ-2 Audio Filter  
Message-ID: <7FBBB9EBE9DAD211956F006094253FD9D65CEC@MAIL>  
MIME-Version: 1.0  
Content-Type: text/plain

Does anyone have a copy of this? If so, would you either scan and e-mail it or FAX me a copy. My XZ-2 died Sunday afternoon and I cannot locate my schematic. The fellow at Bencher who "might" be able to FAX this is on vacation. Please respond directly to me at the e-mail address below or FAX number available upon request.

Derek Brown, WF4I  
Greensboro, NC  
dbrown@rfmd.com

-----  
Date: Tue, 23 Nov 1999 11:53:02 -0600  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: <ka7you@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [56592] Re: ?Diac? Curiosity calls  
Message-ID: <002a01bf35db\$972111a0\$677154d8@the-great-c>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I think the deal is--when you turn on a triac or SCR, you're supposed to turn it on "hard." If you turn it on with a small gate signal, you can get a conduction in just a small area of the main junction, leading to overheating of that small region. If you hit it with the "recommended dose," you'll get an even distribution of current across the junction area.

The DIAC is a threshold device. It doesn't start conducting until the voltage across it reaches a threshold, at which point there is sufficient voltage to turn on the gate. ... Hmmm -- I guess since it's bidirectional, it's mainly for Triacs as opposed to SCRs.

72,

Nick, WA5BDU

-----Original Message-----

From: Rod J Johnson <ka7you@juno.com>

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>run across a TO-39 style, two lead component called a 'DIAC' (bi-lateral  
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>literature, so can someone explain what they are used for.  
> I think the schematic symbol looks like two diodes mounted anode to  
>anode.

-----  
Date: Tue, 23 Nov 1999 12:05:35 -0600  
From: "George T. Baker" <w5yr@swbell.net>  
To: psykey@okcforum.org  
Cc: qrp-1@Lehigh.edu  
Subject: [56593] Re: "grounding" in a high-rise/shielded balanced line (long)  
Message-ID: <383AD76F.883F81EE@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Jim, the short answer is that connecting the shields to the tuner chassis and leaving them floating at the antenna end uses the braids as a Faraday or electrostatic shield system. This is a requirement for the feedline system to operate correctly and to provide "shielding" to maintain a degree of balance. There is no need to do anything else to attempt to place the tuner chassis at a zero r-f potential. The coax lines will work just fine.

The notion of "grounding" in a ham shack is one of those things that the world would have benefited greatly from had it never been said or written. An earth ground for the shack equipment is desirable and by the



National Electrical Code necessary for safety in the a-c power distribution system. It is desirable for safety and protection against lightning damage.

IT IS SELDOM IF EVER EITHER NECESSARY OR DESIRABLE FROM THE POINT OF VIEW OF THE OPERATION AND/OR PERFORMANCE OF AN ANTENNA SYSTEM.

If an antenna system is used that requires an earth ground as part of that system, such as a ground mounted 1/4-wave vertical, then the earth ground must be invoked AT THE ANTENNA SYSTEM and not back in the shack at the far end of the transmission line. If the antenna system is "balanced" and does not require an earth ground in its operation, neglecting any aspects of ground reflection gain, etc., then a ground at the shack will have little or no effect on the operation of the antenna system and will in all likelihood introduce problems that would otherwise not exist.

If there are problems with "r-f in the shack" those problems are seldom if ever actually corrected by "grounding." They are corrected by removing the conditions that produce "r-f in the shack." A very common source of this problem is the use of unbalanced transmission lines with balanced antenna systems without use of an appropriate balun at the antenna.

A properly operated antenna system will not put "rf in the shack" unless the shack and the antenna are so close together that the shack equipment is in the induction field of the antenna. This may be a consideration in your proposed installation.

In that event, it is possible to place the shack equipment at near zero r-f potential by using a driven ground, as you suggest. This consists of deploying 1/4-wavelength lines for each band of any kind of convenient wire with one end insulated and floating and the other end connected to the shack equipment "ground" reference, commonly the chassis of the transceiver or tuner. The length of these wires is not at all critical, but they should be deployed in more or less straight runs and not just coiled up and tossed in a corner.

Being in the induction field of the antenna system, the wire assumes a large r-f potential at the open end and near zero potential at the shack end. Thus, the equipment is effectively "grounded." In almost all cases, any effort to directly "ground" the equipment with a conductor connected to an actual earth ground will only make problems worse and will almost never lead to the desired end of zero potential at the equipment end.

Any such conductor will have an impedance which will simply elevate the shack equipment above actual earth ground potential and provide a mechanism for the introduction of r-f energy into the system. For example, an eight foot ground wire on ten meters would serve to effectively disconnect the equipment from whatever the far end of the

wire was connected to. Additionally, it would place the station ground at a maximum r-f potential on ten meters: "r-f in the shack."

Ground wires can be tuned for series resonance to overcome some of these problems. That is the basis for the MFJ Artificial Ground "tuner" which is quite effective in some situations.

Good luck on your installation, and let's hope that you get lots of contacts with that antenna so high up in the air!

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972

Jim Glover wrote:

> On the 10th floor of a high-rise apartment building, I plan to run  
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>  
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> for each band I want to work on? What is the point of grounding  
> the transceiver side of the shields?

-----

Date: Tue, 23 Nov 1999 13:17:59 -0500

From: Jerry Flanders <jflanders2@home.com>

To: qrp-1@Lehigh.EDU

Subject: [56594] Re: Max power Qrp in SSB Contests

Message-ID: <3.0.1.32.19991123131759.00a53880@mail>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

How is PEP measured? I am not sure I know precisely what PEP means.

Does it mean true instantaneous peak as you would measure with an oscilloscope? If so, how do I read the actual RF voltage - the peak or the RMS value? And how do I get the RMS value from my non-sine wave voice pattern?

Does it mean peak as noted on a conventional (D'Arsonval) meter? (if so, what time constants and damping for the meter?).

What method is being used by the majority of us when we "measure" our PEP and list it on a competition log?

I remember reading discussions of PEP measurement back when the FCC upped our power limits in the '80's, and I see a discussion of it in my old 1985 ARRL Handbook, p 2-23, but I am not sure what common methods are in use today.

Jerry W4UK

At 10:56 AM 11/22/99 -0600, you wrote:

>Lost the post, but I think I have seen several talking about operating  
>qrp during the Sweepstakes using 10 watts PEP.

>

>For all ARRL HF contests, qrp is defined as 5 watts regardless of mode.

>Up to 150 watts is low power. Over 150 watts is high power.

>

>If I were to operate seriously in the contest, I would ask ARRL for  
>confirmation but my reading of the rules, is qrp is 5 watts or less.

>

>73 de Dave, N0IT

>

-----  
Date: Tue, 23 Nov 1999 12:34:34 -0600

From: Karl Kanalz <KKanalz@excel.com>

To: jflanders2@home.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [56595] RE: Max power Qrp in SSB Contests

Message-ID: <2D343922E283D211945C0008C7A41B2A0123A6B1@adntex01.excel.com>

MIME-Version: 1.0

Content-Type: text/plain

Measuring PEP (Peak ENVELOPE Power) is measured today the same way it was measured back in 1985 and 1955, for that matter. The FCC method uses a two-tone oscillator driving the audio input of an SSB transmitter; the frequency of each of the two tones is selected to be such that their harmonics (and beat frequencies with each other) fall outside the usual audio passband of the SSB transmitter that's "under test".

Karl K - W8TIF

McKinney, Texas

-----Original Message-----

From: Jerry Flanders [SMTP:jflanders2@home.com]

Sent: Tuesday, November 23, 1999 12:18 PM

To: Low Power Amateur Radio Discussion

Subject: Re: Max power Qrp in SSB Contests

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>

>73 de Dave, N0IT

>

-----

Date: Tue, 23 Nov 1999 13:36:05 EST

From: JFStrain@aol.com

To: qrp-l@lehigh.edu

Subject: [56596] Re: HTX-10 Radio Shack's 10 meter xcvr

Message-ID: <0.91a288b2.256c3895@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

I, too, noticed the drop in price for the HTX-10 and that another had shown up at the local RS outlet. I called a friend of mine whom I have been trying

to interest in purchasing one, but don't yet know if he did anything about it. Still glad I got mine when I did, even if I did pay \$10 more than the sale price. Instead of wanting to get inside to change things, I am trying to locate a transverter circuit to get it on 6M. I would rather be able to use it for transmitting as well as receiving, but may end up using it mostly as a receiver with a 6M converter and resurrect one of my old AM transmitters (vintage late 50's).

John W9MIU  
QRP-L 1088 QRP-ARCI 8173  
Zombie 250 ARS 571

-----  
Date: Tue, 23 Nov 1999 11:13:00 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [56597] Re: "grounding" in a high-rise/shielded balanced line (long)  
Message-ID: <01bf35e6\$c2261890\$1cddfc9e@ham.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jim  
Your proposed setup isn't that unusual.  
You mention that two Black Widow fishing poles exceed the budget, but please consider:  
Light weight, thin profile as you move out to the tip for lowest visibility, collapse for storage when you take it down.  
You haven't mentioned what type of tuner you propose to use with this setup. Since the line won't match the antenna feedpoint impedance anyway, it's a given you will need to do some matching.  
I've been using an old parallel tuner I built about 40 years ago, and still matches anything that comes along. It uses the old Barker and Williamson plug-in tank coils with the center swinging link. You use a split stator tuning capacitor with it. Then the parallel feedline is tapped across the coil for a balanced impedance match.  
Also, instead of using the traditional coil for the pickup link, I use a Faraday shielded link I made out of a short piece of coax. This eliminates any capacitive coupling between the main coil and the pickup link.  
Good luck and 72,  
Bob N6WG

-----  
Date: Tue, 23 Nov 1999 14:09:06 -0500

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [56598] K0EVZ on 0100Z (for sure!)  
Message-ID: <199911231410\_MC2-8E56-B7BB@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
                charset=us-ascii  
Content-Disposition: inline

Gang:

Someone noted that I have announced 0100-0300Z for my stint tomorrow evening as Da FOX. This is \*indeed\* a change from the previously posted 0200-0400. This is simply per Doctor's orders. Being treated for a slight heart condition and this earlier hour is doable. Sorry for the confusion, and I appreciate everyone bearing with me on the different schedule.

72,

--Doc Lindsey/K0EVZ  
DSBF  
PO BOX 6028  
Bismarck, ND 58506  
K0EVZ@arrl.net

-----  
Date: Tue, 23 Nov 1999 14:13:11 -0500 (EST)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: KB0R@aol.com  
Cc: qrp-l@lehigh.edu  
Subject: [56599] Re: 5 watts pep is the ARRL Rule  
Message-ID: <Pine.3.89.9911231437.B26959-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Nov 1999 KB0R@aol.com wrote:

>  
> The specific rules for SS say the general rules apply. Where are you reading  
> the rules?  
> From Oct 99 QST page 88  
4.2.1 "Q" for Single Op QRP (5 W output or less)

But this is all quite vague and really needs a clarification from the ARRL contest committee...

>  
> Anyway, it is always nice to work you in the contests. Contest isn't

> complete unless I work N4BP.

Thanks! Always nice to work so many members of QRP-L!

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: [n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

-----  
Date: Tue, 23 Nov 1999 14:23:28 -0500 (EST)

From: Bob Patten <[n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)>

To: Mark Hogan <[mhogan@email.msn.com](mailto:mhogan@email.msn.com)>

Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>

Subject: [56600] Re: New K8FF Key

Message-ID: <[Pine.3.89.9911231402.D26959-01000000@bc.seflin.org](mailto:Pine.3.89.9911231402.D26959-01000000@bc.seflin.org)>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Nov 1999, Mark Hogan wrote:

>

> the car and keep the "commercial" version on the desk. This is a real nice  
> job by Vibroplex, the knurled nuts are great, key has a nicer feel than  
> mine, good machining and overall quality is what I'd expect, (have a  
What material are the contacts made from? Neither of my kit paddles will  
work reliably with NA (paddle connected to serial port), but do seem to  
function OK with internal keyers in K2, 1000MP, and IC-706. I attempted  
to measure the resistance of the contacts at one time and came up with  
approximately 50 ohms... Wonder if the commercial version is any better?

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: [n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

-----  
Date: Tue, 23 Nov 1999 05:51:38 -0700

From: "Rod Cerkoney" <rlwc@frii.com>  
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [56601] Re: FISTS Down?  
Message-ID: <000001bf35e8\$4fc5a160\$218611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello:

I heard from Nancy yesterday. The FISTS web server, hosted by N9NVV in TERRE HAUTE, IN, suffered two lightning hits. I just checked this morning and it is still down. (It was supposed to be up yesterday.) Guess it will be a while, given the nature of the failure (lightning hit) it's understandable.

---

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Brian Murrey <brian@iquest.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Monday, November 22, 1999 8:27 PM  
Subject: FISTS Down?

> Anyone besides me having trouble hitting the FISTS website in the last couple of days?

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Date: Tue, 23 Nov 1999 11:22:59 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [56602] Re: New K8FF Key  
Message-ID: <01bf35e8\$272e6520\$1cddfc9e@ham.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mark

Are the contacts of the paddle set silvered? I'm still using my NorCal set, and always have a problem with intermittent contacts. Even changed to all



brass screws, and that reduced the problem but didn't eliminate it.  
Thanks and 72,  
Bob N6WG

-----  
Date: Tue, 23 Nov 1999 13:44:57 -0600  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: <n6wg@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [56603] Re: New K8FF Key  
Message-ID: <017101bf35eb\$45ff5010\$6ae60181@mhoganws>

They appear to have silver contacts just like my other vibroplex stuff...  
not just the screws of our kit keys...

Mark Hogan / N50BC

> Are the contacts of the paddle set silvered? I'm still using my NorCal  
set,

-----  
Date: Tue, 23 Nov 1999 13:18:29 -0700  
From: "Rod Cerkoney" <rwc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [56604] XCVR: RFI Better CW performance form IC-746  
Message-ID: <004601bf35f0\$0481c5a0\$218611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks:

The more I use my K2, on CW, the less I like my Icom 746. Because:

QSK

The first element sent is somewhat masked by RCVR noise, the RCVR does  
not mute as fast as the K2. There must be an adjust for this but I  
haven't found it yet. Does anyone have a solution?

## FILTERS

Stock filters are two wide. DSP is very narrow, 320 or less, and sometimes masks weak signals. I have a 500Hz filter in the 9MHz 1st IF and a 250 Hz filter in 455kHz 2nd IF, But still the background noise in the Icom is greater than the K2. Looking for ideas on what filters I can add, and to which IF, to get more selections of filter width. I really like the K2 setup 1.5K, 700, 400, 100. Icom filters seem to take a jump from 500 to 1.8kHz.

Why not just use the K2 you ask? Well, the Icom has SSB which I use 1 or 2 times a year. And, when I am feeling decadent, I turn up the power to 16 or 17 watts, sometimes more ;-)

Ideas and suggestions on how I can "spiff" up the Icom would be appreciated. Or maybe I need a new rig, yeah that's it, a new rig, a Kenwood 870 or something, after all Xmas is coming--Oh Santa-wife, Santa-wife....;-) ;-)

---

72/3 Rod, N0RC -- Fort Collins, CO

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Date: Tue, 23 Nov 1999 13:00:49 -0700  
From: "Rod Cercone" <rlc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [56605] REVIEW: Timex Expedition Wristwatch  
Message-ID: <004501bf35f0\$03eab5c0\$218611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks:

Found a dual-timezone wrist-watch for the field. The Timex Expedition, \$35.

Has large easy to read analog hands & sweep second hand. The hands glow in the dark and are easy to read. The watch also has a digital window that can display the date; stop watch; count-down timer, and (the best part) \_two\_ time displays. One with HHMMSS in 12 OR 24hr mode. The second time display show time in HHMM format in 12 or 24hr format. The digital time window is independent of the analog hands so

three timezones can be displayed. The whole dial is illuminated by the push of a button using Timex's Indiglo technology, very easy to read in the dark.

Downside--the digital display is a little small. (But the contrast is good.)

So far looks like a keeper.

---

72/3 Rod, N0RC -- Fort Collins, CO

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Date: Tue, 23 Nov 1999 20:34:21 -0000  
From: "Stephen Farthing" <stephen@stevef.demon.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, "GQRP list" <gqrp@onelist.com>  
Subject: [56606] Any comments on the GAP TITAN Antenna for QRP use  
Message-ID: <000b01bf35f2\$4b96e040\$7521989e@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Fellow QRPers,

I am thinking about replacing my trusty doublet with a GAP TITAN antenna. Does anyone have any experience of said antenna, on paper and in review it looks pretty good. But nothing, as they say, is like practical experience.

Thanks

Steve

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Date: 23 Nov 1999 15:02:21 -0500  
From: "rohre" <rohre@arlut.utexas.edu>  
To: qrp-1@lehigh.edu  
Subject: [56607] ANTS. FEED COAX, when to chng.  
Message-ID: <n1268753118.79507@msmailgw1.arlut.utexas.edu>

here are some thoughts on when to replace coax.

First of all, climate affects coax. Its enemy is heat and sun, and also moisture, if your terminations are not rain and condensation repellant.

Cold may also cause extremes of contraction, and heat expands, working the joints, solder connections, and weatherproofing.

Thus, when your coax turns to hard glass consistency, from years of sun replace it. Inspect for this all the way to the antenna, and for cracking in jacket and center insulation. Check each Spring, and each Fall, if your area undergoes wx extremes.

The ultimate is if you test new coax with a dummy load at far end, and wattmeter at beginning and end, and record those measurements in your log or antenna notebook. Then go back in 5 years, or 20, and you still get the same power thru the coax length, it is in good condition, if not weathered. If you see a fall off in power at the end, with a dummy load, (not antenna), then, if the loss is say 3 dB, I would replace the coax. A dB or less is not hearable in an on air signal, so major shifts should only be the ones of concern.

The same reasoning applies to the other feed lines, and the tests must use an appropriate impedance load, and use the same meter first at one end then the far end. Of course, the meter must be able to at least make relative measurements in the line at the characteristic impedance of that line. See the earlier handbooks from 50's and earlier for measurements in balanced lines. A current meter (RF amps) was often used in series with each leg of the line. These still turn up in ham swaps around here, and are good to 20M at least, and should be adequate test even for higher bands, to 10M.

Hope this saves someone money,  
Stuart K5KVH  
Austin TX QRP Club

-----  
Date: Tue, 23 Nov 1999 16:28:19 -0500  
From: "Tom Bowman" <tbowman@nbn.net>  
To: "QRP-L" <qrp-l@lehigh.edu>, <cebik@utkux.utcc.utk.edu>  
Subject: [56608] RE: Series or parallel tank circuits (fwd)  
Message-ID: <LPBBKNNCCFBPAKMPADLJAEFICDAA.tbowman@nbn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If someone has the HAM Radio, June 1968 article, "Stable Transistor VFO's" by JR Fisk, please send me a copy.

And thanks again to L.B., Paul Harden and everyone who explained the difference between series and parallel tuned oscillators.

73,

Tom, WA3REY

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of L. B. Cebik

Sent: Tuesday, November 23, 1999 6:54 AM

To: Low Power Amateur Radio Discussion

Subject: Re: Series or parallel tank circuits (fwd)

Lenny Wintfeld has come to the rescue with the VFO article by Jim Fisk in Ham Radio. As I noted to Lenny, I do not like to think of it as being so long ago, but it remains a classic, covering a wide variety of VFO circuits. Now if I only had saved that issue when I donated my collection of HRS to a library--which is now missing most of them.

Hope those who have access to this issue read the article, as it cleared a host of my own misconceptions back then.

-73-

LB, W4RNL

----- Forwarded message -----

Dear L.B. :

I believe you're referencing HAM Radio June 1968: "Stable Transistor VFO's" by JR Fisk. I don't have that issue but have seen the article referenced in subsequent articles...

Lenny Wintfeld w2bvh

-----  
Date: Tue, 23 Nov 1999 17:49:29 -0500

From: Joseph Trombino Jr <joebarb@wilmington.net>

To: QRP-L@LEHIGH.EDU

Subject: [56609] NC-20 problem solved  
Message-ID: <3.0.6.32.19991123174929.008da2f0@wilmington.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Fellow QRP'ers:

Believe the following might be of interest to NC-20 builders.

My NC-20 kit worked great right from power up but had a minor problem in the audio chain. There was a very subtle flutter/motorboating sound in the audio and when the VFO was tuned to 14.035 or higher a tone appeared in the audio output as well. High quality headphones mitigated the flutter and tone problem but I wanted a complete cure.

After several hours of frustrating trouble-shooting I discovered that the problem was in the VFO output level to the AFA chip. Increasing the value of R91 (1K ohm) seemed like a good idea and when R91 was increased to 3.9K ohm...VOILA!!!! Flutter and tone disappeared!!!

Evidently, too much signal from the VFO was reaching the AFA chip causing some kind of overload/oscillation that entered the audio chain. Lowering the level solved the problem and the audio output is now clear and the AFA chip still does its job perfectly.

I guess this goes to show that some problems found in our QRP rigs (and QRO rigs as well) are not always caused by a component failure (easy to find and fix) but somethings more ethereal (as Nils would say) and not so easily solved.

Hope the above is useful to the NC-20 kit builders out there...or was I the only NC-20 builder on the planet with this problem??:-)

Cheers and 72 y'all,

Joe W2KJ (North Carolina)

-----  
Date: Tue, 23 Nov 1999 16:48:18 -0600  
From: "Ed Manuel (N5EM)" <n5em@flash.net>  
To: qrp-l@lehigh.edu  
Subject: [56610] ANTS. FEED COAX, when to chng.  
Message-ID: <4.1.19991123164308.00962100@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 03:02 PM 11/23/1999 -0500, you wrote:

>here are some thoughts on when to replace coax.

>The ultimate is if you test new coax with a dummy load at far end, and  
>wattmeter at beginning and end, and record those measurements in your log or  
>antenna notebook

>Hope this saves someone money,

>Stuart K5KVH

>Austin TX QRP Club

Thank goodness for the WM-2 with it's built-in battery. Get yourself a GOOD quality 50 ohm load (build it, of course!), and now you are equipped to make those measurements in the shack at the other end of the line (even up on that tower - just be careful). Easy. Helps to have some to hit the key for you when ready. Heck, you may decide you need to replace that line BEFORE you put it in (but it was REALLY a good deal at the hamfest!).

There is just no substitute for the systems approach and meticulous documentation. Unless, of course, you can afford to change it every year and take it to a hamfest and sell it to folks less systematic than you :-)

Ed, N5EM

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End of QRP-L Digest 1648

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